



	1	50
AiBtR	(1) MGVDVRILTAALVLLAASSTTSAQGMPFESRCAYMTDIPRPDERPELPPI	
SfBtR	(1) MAVDVRILTATLLVLTATAQRDR-----CGYMVEIPRPDRP-DFPPQ	
HzBtR	(1) MAVDVRILTAAVFIIAAHLTFAQD-----CSYMVAIPRPERP-DFPSL	
OnBtR	(1) MGVERFFPAVLLVSLASAALANQR-----CSYIIAIPRPETP-ELPPI	
BmBtR	(1) MGVDVRILATLLLIYAETVLAQER-----CGFMVAIPRPPRP-DLPPEL	
MsBTR	(1) MAVDVRIAAFLLVFIAPAVLAQER-----CGYMTAIPRLRPDNLPLVL	
	Signal Peptide	
	51	100
AiBtR	(51) IYDGLSWNERPLVPANEDRLDVCMDFFF-----RGMQYIFMEEEEIHGD	
SfBtR	(43) NFDGLTWAQQPLLPAED-REEVCLNDYEPDPWSNNHGDQRIYMEEEEIEGP	
HzBtR	(43) NFDGIPWSRYPLIPVEG-REDVCMNEFQ---PDALNPVTVIFMEEEEIEGD	
OnBtR	(43) DYEGKSWSEQPLIPGPT-REEVCMEN-----FLPDQMIQVIYMEEEEIEGD	
BmBtR	(43) DFEGQTWSQRPLIPAAD-REDVCMGDYH--AMTPTYGTQIIYMEEEEIEGE	
MsBTR	(44) NFEGQTWSQRPLLPAPE-RDDLCDMAYH--VITANLGTQVIYMDEEIEDE	
	101	150
AiBtR	(94) VPIAKLNYIGDKIPYVHSTFTVGSFRLLGPEIRKISG---DWHLVITNRQ	
SfBtR	(92) VVIKINYQGNTPPQIRLPFRVGAHMLGAEIREYPDATGDWYLVITQRQ	
HzBtR	(89) VAIARLNYRGNTPTIVSPFSFGTFNMLGPVIRRIPEGGDWHLVITQRQ	
OnBtR	(87) VIIAKLNYQG--SNTPVLSIMSGQPRAQLGPEFRQNEADGQWSLVITQRQ	
BmBtR	(90) VPIAKLNYRGNVPYIEPAFLSGSFNLLVPVIRRIPDSNGEWHLIITQRQ	
MsBTR	(91) ITIAILNYNGPSTPFIELPFLSGSYNLLMPVIRRVDN--GEWHLIITQRQ	
	151	200
AiBtR	(141) DYEAG-TWFHAFTIRIDN-EVDAEVM LAIVNIDDNDPLIDLSEPCQIAEQ	
SfBtR	(142) DYETPDMQRYTFDVSVEGQSLVVTVRLDIVNIDDNAPIIEMLEPCNLPEL	
HzBtR	(139) DYETPGMQQYIFDVRVDDEPLVATVMLLIVNIDDNDPIIQMFEP CDIPER	
OnBtR	(135) DYETATMQSYVFSIQVEGESQAVLVALEIVNIDDNPPIQVVSACVIPEH	
BmBtR	(140) DYETPGMQQYVFNIRIDGETLVAGVSLIVNIDDNAPIIQALEPCQVDEL	
MsBTR	(139) HYELPGMQQYMFNVRVDGQSLVAGVSLAIVNIDDNAPIIQNFEP CRVPEL	
	201	250
AiBtR	(189) RDARSVKTCRYIVHDVDGEISTRFRMYEIESGRG-DEEVFSLVREQAPNN	
SfBtR	(192) VEPH-VTECKYIVSDADGLISTSVMSYHIDSERG-DEKVFELIRKDYPG-	
HzBtR	(189) GETG-ITSCKYTVSDADGEISTRFRMFEISSDRD-DEEYFELVRENIQG-	
OnBtR	(185) GEAR-LTDCVYQVSDRDGEISTRFMTRVDSSRAADESIFYMVGEYDPS-	
BmBtR	(190) GEAR-LTECVYVVTADGRISTQFMQFRIDSDRG-DDKIFYIQGANIPG-	
MsBTR	(189) GEPG-LTECTYQVSDADGRISTEFMTFRIDSVRG-DEETFYIERTNIPN-	
	251	300
AiBtR	(238) EWMWCYMVVEVKGSLDFAQNPLHIFRAHAFDSKDNTHSVLMTVEVKNEQ	
SfBtR	(239) DWTKVYMVLELKKSLDYEENPLHIFRVTASDSLNNRTVMMVEVENVEH	
HzBtR	(236) QWYVHMRVHVKKPLDYEENPLHLFRVTAYDSL PNTHVTMMVQVENVEN	
OnBtR	(233) DWFNMKMTVGINSPLNFETTQLHIFSVTASDSLNNHTVTMMVQVENVES	
BmBtR	(237) EWIRMTMTVGINEPLNFETNPLHIFSVTALDSL PNTHVTLMVQVENVEH	
MsBTR	(236) QMMWLNMTIGVNTSLNFVTSPLHIFSVTALDSL PNTHVTMMVQVANVNS	

FIG. 2A

	301	350
AiBtR	(288)	RPPQWIEIFAVQQFDEKIKKSFRVRAIDADTGINKTISYRLRTAVGEENL
SfBtR	(289)	RNPRWMEIFAVQQFDEKQAKSFTVRAIDGDTGINKPIFYRIETEDEDKEF
HzBtR	(286)	RPPRWMEIFAVQQFDEKTEQSFRVRAIDGDTGIDKPIFYRIETEKGEEDL
OnBtR	(283)	RPPRWVEIFSVQQFDEKTNQSFSLRAIDGDTGINRAINYTILIR-DDADDF
BmBtR	(287)	RPPRWVEIFAVQQFDEKTAQSFPVRAIDGDTGINKPIHYRLET-AEEDTF
MsBtR	(286)	RPPRWLEIFAVQQFEEKSYQNFTVRAIDGDTINMPINYLIT-NEEDTF
	351	400
AiBtR	(338)	FELETKEGSQ-GVWLHVGPIDRDELEKEVFLLSIIAYKYGDDG----TLY
SfBtR	(339)	FSIENIGEGRDGARFHVAPIDRDYLKRDMFHRIIAYKQGDNDKEGESSF
HzBtR	(336)	FSIQTIEGGREGAWFNVAPIDRDTLEKEVFHVSI IAYKYGDNDVEGSSSF
OnBtR	(332)	FSLEVIEDG---AILHVTEIDRDKLERELFNLITIVAYKSTD-----ASF
BmBtR	(336)	FHIRTIEGGRSGAILYVDPIDRDTLQREVFQLSIIAYKYDN-----ESS
MsBtR	(335)	FSIEALPGGKSGAVFLVSPIDRDTLQREVFPLTIVAYKYDE-----EAF
	401	450
AiBtR	(383)	ETPANITIIIINDVNDQLPSPLKEGGVYTIDIMEETPMTLN-LENFGFHDR
SfBtR	(389)	ETSANVTIIIINDINDQRPEPFHK--EYTISIMEETAMTLD-LQEFGFHDR
HzBtR	(386)	QSKTDVVIIVNDVNDQAPLPFRE--EYSIEIMEETAMTLN-LEDFGFHDR
OnBtR	(373)	ATEAHIFIIVNDVNDQRPEPLHK--EYSIDIMEETPMTLNFNEEFGFHDR
BmBtR	(380)	ATAANVVIIVNDINDQRPEPLFK--EYRLNIMEETALTNLNFDQEFGFHDR
MsBtR	(379)	STSTNVVIIVTDINDQRPEPIHK--EYRLAIMEETPLTLNFDKEFGFHDK
	451	500
AiBtR	(432)	DLGPNAQYNVRLESVYPDGVHEAFYIAPERGYQRQSFFLSTQNHHMLDYE
SfBtR	(436)	DIGPHAQYDVHLESIQPEGAHTAFYIAPEEGYQAQSFTIGTRIHNMLDYE
HzBtR	(433)	DLGPHAQYTVHLESIHPPRAHEAFYIAPEVGYQRQSFIMGTQNHHMLDFE
OnBtR	(421)	DLGENAQYTVLEDVFPFGAASAFYIAPGSGYQRQTFIMGTINHTMLDYE
BmBtR	(428)	DLGQNAQYTVRLES DY PDA AKA FYI APEVGYQRQTFIMGTANHKMLDYE
MsBtR	(427)	DLGQNAQYTVRLESVDPPGAEEAFYI APEVGYQRQTFIMGTNLHSMMLDYE
	501	550
AiBtR	(482)	NETVDFTKIQIKAVAIDSLNNTMKGFATININLINWNDELPIFKNSVQNV
SfBtR	(486)	DDD-YRPGIKLKAVAIDRHDNNHIGEAIIININLINWNDELPIFDEDAYNV
HzBtR	(483)	VP--EFQNIQLRAVAIDMDDPKWVGIAIINIKLINWNDELPMFESDVQTV
OnBtR	(471)	DV--IFQNI I I K V K A V D M N N A S H V G E A L V Y V N L I N W N D E L P I F E E S S Y S A
BmBtR	(478)	VP--EFQRIRLRVIA T D M D N E E H V G V A Y V Y I N L I N W N D E E P I F E H S V Q N V
MsBtR	(477)	VP--EFQSITIRVVATDNDTRHVGVALVHIDLINWNDEQPIFEHAVQTV
	551	600
AiBtR	(532)	SFPETVAAGFHVATIKAEDRDVGDRVEHSLMGNVDFLTIDKYSGEIFVA
SfBtR	(535)	TFEETVGDGFHIGKYRAKDRDIGDIVEHSILGNAANFLRIDIDTGDVYVS
HzBtR	(531)	SFDETEGAGFYVATVVAKDRDVGDKVEHSLMGNVSYLRIDKETGEIFVT
OnBtR	(519)	SFKETVGAGFPVATVLALDRDIDDVVVHSLMGNVDFLIDESTGEIFVS
BmBtR	(526)	SFKETEGKGFFVANVRAHARDIDDRVEHTLMGNANNYLSIDKDTGDIHVT
MsBtR	(525)	TFDETEGEGFFVAKAVAHRDIDGVDVEHTLLGNVNF LTIDKL TGD I R V S

FIG. 2B

	601	650
AiBtR	(582) VNNSFNYHRQNELFIQIRADDTLGEQPYHTTTSQLVVIYLEDVNNTTPVLR	
SfBtR	(585) RDDYFDYQRQNEIIVQILAVDTLG-LPQNRATTQLTIFLEDINNTPPILR	
HzBtR	(581) ENEAFNYHRQNELFVQIPADDTLG-EPYNTNTTQLVIKLRDINNTPPTLR	
OnBtR	(569) MDDAFDYHRQNTLFVQVRADDTLGDGPHNTVTTQLVIELEDVNNTPPTLR	
BmBtR	(576) QDDFFDYHRQSELFVQVRADDTLG-EPFHTATSQLLIHLEDINNTPPTLR	
MsBTR	(575) ANDSFNYHRESELFVQVRATDTLG-EPFHTATSQLVIRLNDINNTPPTLR	
	651	700
AiBtR	(632) LPRRGPHVEENVPHGHPITNDDGIQLIASDPDTTAEWFEIDWEESYATK	
SfBtR	(634) LPRSSPSVEENVEVGHPITEG--LTATDPDT--TADLHFEIDWDNSYATK	
HzBtR	(630) LPRATPSVEENVPDGFVIP----TQLHATDPDTTAEWFEIDWQNSYATK	
OnBtR	(619) LPRSTPSVEENVPEGYEIS----REITATDPDTSAYLWFEIDWDSTWATK	
BmBtR	(625) LPRGSPNVEENVPEGYIIT----SEIRATDPDTTAEWFEIDWTTSYATK	
MsBTR	(624) LPRGSPQVEENVPDGHVIT----QELRATDPDTTADLRFEINWDTSFATK	
	701	750
AiBtR	(682) QGNE-TLKDEYRNCIEILTRYQDENRKGEAYGVLEVRQIRDDPVVTIDYE	
SfBtR	(680) QGTNGPNTADYHGCVEILTVPDPDNHGRAEGHLVAREVSDG--VTIDYE	
HzBtR	(676) QGRN-TDSKEYIGCIEIETIYPNINQRGNAIGRVVREIRDG--VTIDYE	
OnBtR	(665) QGRE-TNPTEYVGCIVIETIYPTTEGNRGSAGRLVVQEIRDN--VTIDFE	
BmBtR	(671) QGRE-ANPIEFHNCVEIETIYPAINNRGSAGRLVVKKIREN--VTIDYE	
MsBTR	(670) QGRQ-ANPDEFRCNVEIETIFPEINNRLAIGRVVAREIRHN--VTIDYE	
	751	800
AiBtR	(731) EFEVLYLVVRVRDRNTTLGDDYDEGTLTITIIDMNDNWPTWEEGQLTQQF	
SfBtR	(728) KFEVLYLVVRVIDRNTVIGPDYDEAMLTVTIIDMNDNWPIWADNTLQQT	
HzBtR	(723) MFEVLYLTVIVRDLNTVIGEDHDISTFTITIIDMNDNPPLWVEGTLTQEF	
OnBtR	(712) EFEMLYLTVRVRDLNTVIGDDYDEATFTITIIDMNDNAPIFANGTLTQTM	
BmBtR	(718) EFEMLYLTVRVRDLNTVIGDDYDESTFTITIIDMNDNPPIWVPGTLEQSL	
MsBTR	(717) EFEVLSLTVRVRDLNTVYGDDYDESMLTITIIDMNDNAPVWVEGTLQNF	
	801	850
AiBtR	(781) RVREMSLSGVVIGSLRATDRDGPLYNQVRYTIQVVDGTPADLVAIDFRTG	
SfBtR	(778) RVREMADEGVIVGTLLATDLGPLYNRVRYTMVPIKDTPDDLIAINYVTG	
HzBtR	(773) RVREVAASGVVIGSVLATDIDGPLYNQVRYTITPRLDTPEDLVDIDFNTG	
OnBtR	(762) RVRELAASGTLIGSVLATDIDGPLYNQVRYTIQPRNNTPEGLVKIDFTTG	
BmBtR	(768) RVREMSDAGVVIGTLTATDIDGPLYNQVRYTMKANEGTPENLLMIDFYTG	
MsBTR	(767) RVREMSAGGLVVGSVRADDIDGPLYNQVRYTIFPREDTDKDLIMIDFLTG	
	851	900
AiBtR	(831) QMTVQKNQAIDADVPPRFNLYYTVTASDKCSMEDQS-NCPDDKTYWNTTA	
SfBtR	(828) QLTVNKGQAIDADDPPRFYLYYKVTASDKCSLDEFFPVCPPDPTYWNTG	
HzBtR	(823) QISVKLHQAIDADEPPRQNLYYTVIASDKCDLLTVT-ECPPDPTYFETPG	
OnBtR	(812) QIEVDANEAIDADEPWRFYLYYTVIASDECSLENRT-ECPPDSNYFEVPG	
BmBtR	(818) QITVKTSGAIDADVPPRYNLYYTVVATDRCYAEDPD-DCPPDPTYWETPG	
MsBTR	(817) QISVNTSGAIDATPPRFHLYYTVVASDRCSTEDPA-DCPPDPTYWETG	

FIG. 2C

	901	950
AiBtR	(880)	KIAIQVIDTNNKVPFVEPEKFKNEVTIVEDPVTGDVTFLTSESIYEDAVS
SfBtR	(878)	EIAIAITDTNNKIPRAET-----DMFPSEKRIYENTPN
HzBtR	(872)	EITIHITDTNNKVPQVE-----DDKFEATVYIYEGADD
OnBtR	(861)	DIEIEIIDTNNKVPEPL-----TEKFNTTVYVWENATS
BmBtR	(867)	QVVIQIIDTNNKIPQPE-----TDQFKAVVYIYEDAVS
MsBtR	(866)	NITIHITDTNNKVPQAE-----TTKFDTVYIYENATH
	951	1000
AiBtR	(930)	GDHVFQLFVGDLDRDLPNNNVSYTINFGVNPRIRDFFEVDLVTGWVRVHY
SfBtR	(911)	GTKITTIIASDQDRDRPNNALTYRINYAFNHRLENFFAVDPDTGELFVHF
HzBtR	(905)	GQHVVQIYASDLDRDEIYHKVSYQINYAINSRLRDFFEVDLDTGRLEVHY
OnBtR	(894)	GDEVVQLYSHDRDRDELYHTVRYTMNFAVNPRLRDFFEVDLDTGRLEVHY
BmBtR	(900)	GDEVVKVIGSDDLDRDDIYHTIRYQINYAVNPRLRDFFEVDLDTGRVYVY
MsBtR	(899)	LDEVVTLIASDLDRDEIYHTVSYVINYAVNPRLMNFFSVNRETGLVYVDY
	1001	1050
AiBtR	(980)	PG---PDKLDRDGDEPTHRIFHSIFDNFMSEGEPPNRNQISGEALIIILLDV
SfBtR	(961)	TTS---EVLDRDGEEPEHRIIFTIVDNLEGAGDGNQNTISTEVRVILLDI
HzBtR	(955)	TAG---ELLDRDGDEPTHRIFFNVIDNFYGECDGNRNQNETQVLVVLLDI
OnBtR	(944)	PG---DEKLDRDGDEPTHTIFVNFIDNFFSDGDGRNRNQDEVEIFVVLLDV
BmBtR	(950)	TT---DEVLDRDGDEPQHRIFFNIDNFFQQGDGNRNQNDAEVLVVLLDV
MsBtR	(949)	ETQGSGEVLDRDGDEPTHRIFFNIDNFMGECEGGRNRNQNDTEVLVILLDV
	1051	1100
AiBtR	(1027)	NDNKPPELSPDSFPPWTVSESVVEGVRIPEILAPDRDEPGTDNSRVAYD
SfBtR	(1008)	NDNKPPEL-IPDGEFWTVSEGEVEGKRIPPEIHAHDRDEPFNDNSRVGYE
HzBtR	(1002)	NDNYPELP---ETIPWAISESLELGERVQPEIFARDRDEPGTDNSRVAYA
OnBtR	(991)	NDNAPEMPL-PDELRFVDSEGAAGVRVLPEIYAPDRDEPDTNSRVGYG
BmBtR	(997)	NDNAPELPE-PDELSWSVSESLTKGTRLQPHIYAPDRDEPDTNSRVGYA
MsBtR	(999)	NDNAPELPP-PSEL SWTISENLKQGVRLPHIFAPDRDEPDTNSRVGYE
	1101	1150
AiBtR	(1077)	LLGVTPER-DIEVPQLFKIETIEKDLG-INQTGILETVTPLOGYWGTYEI
SfBtR	(1057)	IRSIKLINRDIELPQDPFKIITIDDLDTWKFGVGELETTMDLRGYWGTYDV
HzBtR	(1049)	ITGLASTDRDIQVPNLFNMITIERDRG-IDQTGILEAAMDRLRGYWGTYQI
OnBtR	(1040)	ILDLTITDRDIEVPDLFTMISIEN-----KTGELETAMDRLRGYWGTYEI
BmBtR	(1046)	IISLTIANREIEVPDLFTMIQIQN-----VTGELETAMDRLRGYWGTYAI
MsBtR	(1048)	ILNLSTER-DIEVPDLFVMIQIAN-----VTGELETAMDRLRGYWGTYAI
	1151	1200
AiBtR	(1125)	HIKAFDHGDPQRESDEKYQLVVRPYNFHEPTFVFPPLDGSAIRLSRDRAIV
SfBtR	(1107)	EIRAFDHGFPMLDSFETYQLTVRPYNFHSVPVFPPTPGSTIRLSRERAI
HzBtR	(1098)	DIQAYDHGIPQRI SNQKYPLVIRPYNFHDVPVFPFPQPGSTIRLAKERAVV
OnBtR	(1084)	FIEAFDHGYPQQRSNETYTLVIRPYNFHHVPVFPFPQPD SVIRLSRERATE
BmBtR	(1090)	HIKAYDHGIPQQMSNETYELVIRPYNFHAPVFPVFPKHGATLRLARERAVV
MsBtR	(1091)	HIRAFDHGIPQMSMNETYELI IHPFNYYAPEFVFPPTNDVIRLARERAVI

FIG. 2D

		1201		1250
AiBtR	(1175)	SGELTVVGAAQ-APLQRISATDEDEDGLHAGTVSFSVVGDDDEAMNYFDVWND		
SfBtR	(1157)	NGMLALANIASGEFLDRLSATDEDEDGLHAGRVTFISIAGNDEAAEYFNVLND		
HzBtR	(1148)	NGILATVDG---EFLDRIVATDEDEDGLEAGLVTFISIAGDDEDAQFFDVLND		
OnBtR	(1134)	GGVLATAAN---EFLEPIYATDEDEDGLHAGSVTFHVVQGNEEAVQYFDITEV		
BmBtR	(1140)	NGLLATVDG---EFLNRIVATDEDEDGLHAGQVAFEVVGDTEAVDYFHHIVND		
MsBTR	(1141)	NGVLATVNG---EFLERISATDPDGLHAGVVTFQVVVGDEESQRYFQVVND		
		1251		1300
AiBtR	(1224)	GE--NSGMLALKQALPDGFQEFKLTIRATDAGDEPGPKSTDSTVTVVVFIP		
SfBtR	(1207)	GDN--SAMLTLKQALPAGVQQFELVIRATDGGTEPGPRSTDSCSVTVVVFVM		
HzBtR	(1195)	GVN--SGALTLTRLFPPEEFREFQVTIRATDGGTEPGPRSTDCLVTVVVFVP		
OnBtR	(1181)	GAGENSGQLILRQLFPQIRQFRITIRATDGGTEPGPLWTDVTFSVVVFVP		
BmBtR	(1187)	GE--NSGTLMLKQLFPEDIREFEVTIRATDGGTEPRPLSTDCTFSVVVFVP		
MsBTR	(1188)	GE--NLGSLRLLQAVPEEIREFRITIRATDQGTDPGPLSTDMTFRVVVFVP		
		1301		1350
AiBtR	(1272)	Q-VEPQFPNTQEVAFIEFEAGRSEERHELTAAVDQKNILCDIDCYTVYYT		
SfBtR	(1255)	TQGDVPFDDNAASVRFVEKEAGMSEKFQLPQADDPKNYRCMDDCHTIYYYS		
HzBtR	(1243)	TQGEVPFEDRTYTVAFVEKDEGMLEEALPRASDPRNIMCEDDCHDITYYS		
OnBtR	(1231)	TQGDVPFSENAATVAFFEGEEGLRESFELPQAEDLKNHLCEDDCQDIYYR		
BmBtR	(1235)	IQGEPIFPTSTHTVAFIEKEAGLLERHELPRAE DRKNHLCSDDCHNIYYR		
MsBTR	(1236)	TQGEPRFASSEHAVA FIEKSAGMEESHQLPLAQDIKNHLCEDDCHSIYYR		
		1351		1400
AiBtR	(1321)	IIGGNAAGHFALDG--NVLYLVSELDRAQAERHTLQVAASN- PGVTTAA		
SfBtR	(1305)	IVDGN DGDHFAVEPETNVIYLLKPLDRSQQEYRVVVAASNT- PGGTSTL		
HzBtR	(1293)	IVGGNSGEHFTVDPRTNVLSLVKPLDRSEQETHTLIIGASDT- PNPAAVL		
OnBtR	(1281)	FIDGNNEGLFVLDQSSNVISLAQELDREVATSYTLHIAASN SPDATGIPL		
BmBtR	(1285)	IIDGNNDGHFGLDETTNVLFVKELD RSVSETYTLTIAASNS- PTGGIAL		
MsBTR	(1286)	IIDGNSEGHFGLDPVRNRLF LKKELIREQSASHTLQVAASNS- PDGGIPL		
		CryIA Binding domain		
		1401		1450
AiBtR	(1368)	PASTLTIVIVTVREANPRPHFERNLYTTGMSATD TDSE RPLLTVSATHSEG		
SfBtR	(1354)	SSSLLTVTIGVREANPRPIFESEFYTAGVLHTDSIH- KELVYLAAXHSEG		
HzBtR	(1342)	QASTLTVTNVNREANPRPVFQRALYTAGISAGDFIE- RNLLTLVATHSED		
OnBtR	(1331)	QTSILVVTVNVNREANPRPIFEQDLYTAGISTLDSIG- RELLTVRASHTED		
BmBtR	(1334)	TS-TITITVNVNREADPQPYFVRDLYTAGISTSDSIN- REL LILQATHSEN		
MsBTR	(1335)	PASILTVTVTNREADPRPVFVRELYTAGISTADSIG- RELRLHATQSEG		
		CryIA Binding domain		
		1451		1500
AiBtR	(1418)	LPITYAIDQDSMVLDP TLEQVRESAFSMNPETGELMRMIQPNANMHGMFE		
SfBtR	(1403)	LPIVYSIDQETMKIDESLQTVVEDAFDINSATGVISLNFQPT SVMHGSFD		
HzBtR	(1391)	LPITYTLIQESMEADPTLEAVQESAFILNPETGVLSLNFQPTASMHGMFE		
OnBtR	(1380)	DTITYTIDRASMQLDSSLEAVRDSAFALHATTGVLSLNMQPTASMHGMFE		
BmBtR	(1382)	APIIYTIDWSTMVTDPTLASVRETAFILNPHTGVLT LNIQPTASMHGMFE		
MsBTR	(1384)	SAITYAIDYDTMVVDPSLEAVRQSAFVLNAQTGVLT LNIQPTATMHGLFK		
		CryIA Binding domain		

FIG. 2E

		1501		1550
AiBtR	(1468)	FDILATDTAGATGQSHVKVYLISRNRVYFTFYNSQESVQEHRTFIAQTF		
SfBtR	(1453)	FEVVASDTRGASDRAKVSIYMISTRVRVAFLFYNTAEVNERNFIAQTF		
HzBtR	(1441)	FEVKATDSRTETARTEVKVYLISDRNRVFFTFNNPLPEVTPQEDFIAETF		
OnBtR	(1430)	FDVIATDTASAIIDTARVKVYLISQNRVTFI FDNQLETVEQNRNFIAATF		
BmBtR	(1432)	FQVVATDPAGYSDRANVKIYLISTRNRVFFLFVNTLEQVEQNTDFIAQTF		
MsBtR	(1434)	FEVTATDTAGAQDRTDVTYVYVSSQNRVYFVFVNTLQQVEDNRDFIADTF		
		<b>Cry1A Binding domain</b>		
		1551		1600
AiBtR	(1518)	TRVYSMTCNIEDIVPATD-SNGQYLTTEHVTAHFIRDDLPVDADDVQEL		
SfBtR	(1503)	ANAFGMTCNIDSVLPATD-ANGVIREGYTELQAHFIRDDQVPADYIEGL		
HzBtR	(1491)	TAFFGMTCNIDQSWASDPVTGATKDDQTEVRAHFIRDDLPVPAEEIEQL		
OnBtR	(1480)	STGFNMTCNIDQVVPFSD-SSGVAQDDTTEVRAHFIRDNVPVQAQVEEAV		
BmBtR	(1482)	SAGFEMTCNIDQVVPATD-ASGVIMNGITEVRGHFIRDNVPVPADEIETL		
MsBtR	(1484)	SAGFNMTCNIDQVVPANDPVTGVALEHSTQMRGHFIRDNVPVLADEIEQI		
		1601		1650
AiBtR	(1567)	IEDTELFRELRTTMLGLGLQLTNVQSGLPPSVAGEDQMLAVYILAGLAGV		
SfBtR	(1552)	FTELNTLRDIREVLSTQQLTLLDFAAGGSAVLPGGEYALAVYILAGIAAL		
HzBtR	(1541)	RGNPTLVNSIQRALEEQLQLADLFTGETPILGGDAQARALYALAAVAAA		
OnBtR	(1529)	RSDTVLLRTIQLMLSTNSLVQLDLVTGDTPTLGEESMQIAVYALAAALSAV		
BmBtR	(1531)	RGDMVLLTAIQSTLATRLLVLRDLFTDTSPAP-DAGSAAVLYALAVLSAL		
MsBtR	(1534)	RSDLVLLSSIQTTLAARSLVLQDLLTNSSPDS-APDSSLTVYVVLASLSAV		
				<u>Trans-</u>
		1651		1700
AiBtR	(1617)	<u>LALLCIVLLITFIIRNRS</u> LNRRIAALSATKYNSVDSNLNRIGLAAPGTNK		
SfBtR	(1602)	<u>LAVICLALLIAFFIRN</u> RTLNRRIEALTIKDVP-TDIEPNHASVAVLNINK		
HzBtR	(1591)	<u>LALIVVVLIVFFVR</u> TRTLNRRQLALSMTKYSSQDSGLNRVGLAAPGTNK		
OnBtR	(1579)	<u>LGFLCLVLLLALFC</u> RTRALNRQLQALSMTKYGSVDSGLNRAGLAP-GTNK		
BmBtR	(1580)	<u>LAALCLLLLVIFI</u> IIRTKKLNRRLEALTVKKYGSVDSGLNRVGIAAPGTNK		
MsBtR	(1583)	<u>LGFMCLVLLLTFI</u> IIRTRALNRRLEALSMTKYGSLDGLNRAGIAAPGTNK		
		<u>membrane</u>		
		1701		1750
AiBtR	(1667)	HAFE-PNPIWNETIKAPDFDAISEQSNDSDLIGIEDLPQFRNDYFPPEQE		
SfBtR	(1651)	HTEPGSNPFYNPDVKTPNFDTISEVS--DDLLDVEDLEQFGKDYFPPENE		
HzBtR	(1641)	HAVEGSNPIWNETLKAPDFDALSEQSYSDSLIGIEDLPQFRNDYFPPEEG		
OnBtR	(1628)	HAVEGSNPMWNEAIRAPDFDAISDASGSDSLIGIEDMPQFRDDYFPPGDT		
BmBtR	(1630)	HAVEGSNPIWNETIKAPDFDSMSDASNDSDLIGIEDLPHFGENNYFPRDV		
MsBtR	(1633)	HTVEGSNPIFNEAIKTPDLDAISEGSNDSDLIGIEDLPHFGN---VFMDP		
		1751		1795
AiBtR	(1716)	IDMNSNDIGYPEMDARNPLPNHENNFYGSNAPFNPDFTNQSRR-		
SfBtR	(1699)	IESLN-----FARNPIATHGNNFGVNSSPSNPEFSNSQFRS-		
HzBtR	(1691)	SSMRG----VVNEHVPESIANHNNNFNFNSTPFSPEFANTQFRR-		
OnBtR	(1678)	DSSSGIVLHMGEATDNKPVTTGNNFGFKSTPYLPQPHPK-----		
BmBtR	(1680)	DEFK-----TDKPEDIVATHNNNFNFNSTPFSPEFANQFQK--		
MsBtR	(1680)	EVNE-----KANGYPEVANHNNNFNFAFNPTPFSPEFVNGQFRKI		

FIG. 2F